

ABSTRACT

A storage medium and an information processing system utilizing that storage medium capable of outputting information stored on the storage medium in a format unusable by other information devices or storage mediums. A storage medium and an information processing system utilizing that storage medium further capable of transferring information stored on the storage medium rather than copying the information so that the uniqueness of the information is assured. A storage medium comprised of a storage device for storing information, information required for encryption and encrypted information, and an I/F device for inputting and outputting information, information required for coding and store encrypted information in a storage device or from an external apparatus other than the storage device, and an encoding device for coding of information and decoding of encoded information. When outputting information stored inside the storage device to outside the storage medium, information is encoded using encryption key information, and along with obtaining the encoded information and obtaining the encoded encryption key information by using another encryption information, both the encoded information and encoded encryption key information are output so that decoding the information without the storage medium is impossible.

TOP SECRET